MOBILE OFFICE PLATFORM (MOP) CONCEPT

Video Images
(When lights are activated video automatically starts & records 1 minute prior to emergency light activation)
Current Deployment: 107 vehicles (16%)
Current camera warranties expired in 2010

★ **Driver & Vehicle Checks**
(Allows for officers to run wants and warrants from vehicle, not having to rely on dispatch, reducing air time & increasing officer safety)
Current Deployment: 250 vehicles (38%)
Current capability ends December 31, 2012

★ **Patches & Security Updates**
(Allows for ongoing updates to ensure security requirements are met)
Current Deployment: 0 vehicles

★ **Dispatches**
(Communications can post calls for service & Troopers can self dispatch, saving radio air time for emergencies)
Current Deployment: 0 vehicles
8.9 million radio transmissions in 2008

★ **Requires Wireless Capability**

★ **GPS/ Automatic Vehicle Locating**
(Assist in navigation & allows for location of vehicle in case of emergency)
Current Deployment: 0 vehicles

★ **Tickets/Collision Reports (SECTOR)**
(Entered electronically and provided instantly to stakeholders (WSDOT, DOL and AOC))
Current Deployment: SECTOR (the application) is available in 446 vehicles (68%) – NOTE: No vehicle currently has the ability to send this electronically from the vehicle.
In 2009, Troopers made 823,116 traffic stops, 20,109 DUI Arrests (50% of all DUI arrests in the state) and investigated 34,788 collisions.

★ **E-mail/Data Share Capabilities**
(Allows troopers to do e-mail and time cards from their vehicle increasing efficiency)
Current Deployment: 0 vehicles

State Efficiencies: Increased Safety, Reduced Waste, Increase in Service, Save Revenue!

How Does Washington State Patrol (WSP) Compare?

WSP Capabilities	Other State Highway Patrols	Other Local Law Enforcement in WA
107 vehicles (16%) have digital cameras **Note:** warranty for these cameras expired in 2010. 250 vehicles (38%) have ability to perform a drivers check. **Note:** Current capability will end December 31, 2012. 446 vehicles (68%) have the SECTOR application which allows them to electronically complete tickets and collision reports. 0 vehicles have wireless capabilities. • Current downloads of SECTOR (ticket/collision) information must be done when the trooper returns to the office and plugs computer in. • Current security updates must be done in the office. • Not have ability to use GPS/AVL • No access to e-mail or other data sharing capabilities	Did a survey of all states, and received a 32% response rate. The responses showed that: • All States except Massachusetts have a video system (some are still transitioning from VHS to digital) • All but one of the states (Alaska) has the ability to run wants and warrants from the vehicle • 60% of the states do electronic ticketing (3 are currently in the process) • 87% of the states do electronic collision reports (1 is currently in the process) • 87% have wireless capabilities o 67% are viewable from CAD (able to self dispatch), 3 more states are transitioning to this currently o 87% of the states have Global Positioning/Automatic Vehicle Locating (AVL) capabilities States that are fully equipped with the above include: North Dakota, Delaware, Florida, Indiana, Minnesota & Missouri (tickets implemented in 2011), Nebraska, New Jersey (Electronic Collision Reporting in 2011), Pennsylvania, Tennessee, Texas, and Wisconsin.	• There are an additional 163 (over 60%) Washington Law Enforcement agencies (as of July 2010) that use SECTOR statewide to process electronic tickets and collision reports. • Seattle Police Department has this technology fully integrated in their fleet. Without this technology they may not have found the suspect from the Officer Brenton shooting. The AVL along with the Cameras allowed detectives to ID the escape route and vehicle which led to the arrest. • A lot of other local law enforcement agencies have this technology for their traffic enforcement vehicles. Currently all but 4 county courts (Columbia, Garfield, San Juan and Ferry), accept electronic tickets and collisions. It is believed that if the WSP were to have this capability in those counties that they would allow for electronic submission as well.

Cost to Implement and Sustain Technology for WSP

SIX-YEAR ESTIMATES:

Transportation	**2011-13**	**2013-15**	**2015-17**
Program 010 Expenditures:	316,800	655,100	1,065,100
Program 030 Expenditures:	6,974,400	5,729,100	5,872,400
Program 030FTEs	5.4	8.1	8.5
Operating - General Fund	**2011-13**	**2013-15**	**2015-17**
Expenditures:	950,200	613,700	633,600
FTEs	1.6	2.4	2.5
Total	**2011-13**	**2013-15**	**2015-17**
Expenditures:	$8,241,400	$6,997,900	$7,571,100

NOTE: The Decision Package outlines the break out of costs for each component. This package was scaled to phase in deployment of equipment both for budgetary reasons and ability to install and replace equipment. The number of computers and cameras could be scaled further if necessary.

Annual Potential Savings/Revenue

Use of SECTOR	Road Closure Time (as a result of 7 min savings for collision reports)	$2,376,064
	Property Damages to Patrol Cars (reduction in time spent on the side of the road potentially reduces the risk to these collisions)	$93,000
	WSP Efficiency – Potential Increase in Ticket Revenue for cities and counties	$5,113,943
	WSDOT Staff Time (Collision Data Entry)	$158,306
Use of Video	Complaint filed against an officer (approximately 300 citizen complaints each year)	$2,700 each
	False Imprisonment Lawsuit	$3,019,818
	Trooper Collision (trooper T-boned vehicle when responding to wreck, witness said trooper's light was red, camera showed a green light)	$26,000
	Trooper Johnson Shooting (detectives worked for 5 days to find the suspect, camera would have captured the whole incident)	$479,373
Potential Savings/Revenue		**$11,269,204**